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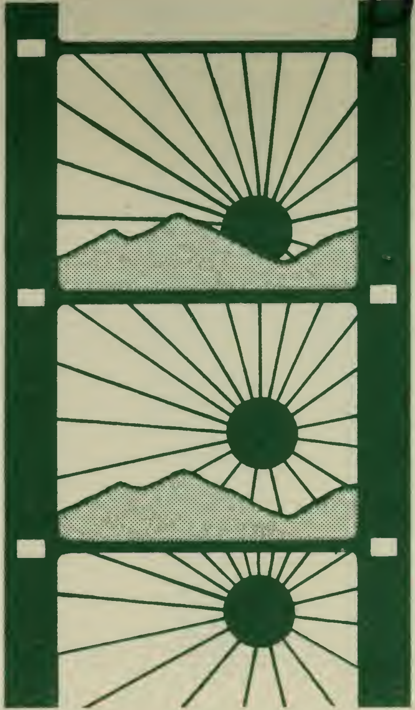

ENERGY FILMS

Available Free in Montana through your local public library.

STATE DOCUMENTS COLLECTION

AUG 14 1980

MONTANA STATE LIBRARY
930 E Lyndale Ave.
Helena, Montana 59601

MONTANA DEPARTMENT OF NATURAL RESOURCES & CONSERVATION
ENERGY DIVISION

DNRC

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HOW TO ORDER ENERGY FILMS

In order to educate the citizens of Montana about wise and prudent use of energy, the Montana Department of Natural Resources and Conservation contracted with the Great Falls Public Library (headquarters for the Montana Library Film Service) to add 30 energy films to their collection.

These films are available to any adult public library card holder and may be requested through any public library.

To order a film:

- Request film from your local public library
- Make request up to 3 months but at least 10 days in advance
- Film will be mailed to the local public library where it was requested
- Return film to the Library the day after showing

An admission charge cannot be made by the patron using the film nor can the film be shown on television.

For further information on the Montana Public Library Film Service contact your local library or write Marla Wilckens, Montana Public Library Film Service, Great Falls Public Library, 301 Second Ave. North, Great Falls, MT 59401.

For additional information on energy conservation, contact the Energy Conservation Bureau, Department of Natural Resources and Conservation, 32 South Ewing, Helena, MT 59601 (449-3940).

ELEMENTARY FILMS

Energy

Oxford Films, 1974, 10 min., sd., color, 16mm, 7″

Illustrates the degree to which our modern lifestyle is dependent on energy from natural resources. Plans for expanded development of nuclear, geothermal, and solar energy complete this overview.

Energy: A First Film

BFA Educational Media, 1970, 8 min., sd., color, 16 mm, 7″

Discusses different forms of energy and how one form can be converted into another, pointing out that most of the energy we use originally comes from the sun.

Energy and Living Things

Centron Films, 1971, 10½ min., sd, color, 16mm, 7″

Examines the nature of matter and energy and demonstrates how and why both are essential to all life forms. It questions man's use of remaining fossil fuel energy reserves.

Energy Monsters: How to Starve Them

BFA Educational Media, 1978, 12½ min., sd., color, 16mm, 10½″

Shows two youngsters deciding to save energy in their home and searching the house for ways to make it energy efficient.

Learning About Solar Energy

ACI Films, 1975, 12 min., sd., color, 16mm, 7″

Children find ways to heat water for an outdoor shower and cook a hot dog in a miniature solar furnace.

Toast

Bullfrog Films, 1974, 12 min., sd., color, 16mm, 9"

Shows energy consumption in the preparation and marketing of food. This film illustrates that our daily toast, an end product of an intensive energy process, is hardly a bargain at present energy costs.

More

Macmillan Films, Inc., 1973, 3 min., sd., color, 16mm, 7"

Animation is used to portray our national syndrome of conspicuous consumption. "More," demands man, until the inevitable climax.

JUNIOR HIGH TO ADULT FILMS

E. F. Schumacher — As If People Mattered

Bullfrog Films, Inc., 1978, 16 min., sd., color, 16mm, 10½"

A record of a Schumacher speech in Montana. This film recommends we devise an economy in which people consume goods from their locale.

Energy: A Matter of Choices

Encyclopedia Britannica, 1973, 22 min., sd., color, 16mm, 10½"

Surveys the attitudes and technological forces on which our patterns of energy consumption are based, and studies causes of and responses to the energy crisis.

Energy: A National Issue

Aims Instructional Media Services, 1977, 27 min., sd., color, 16mm, 12"

The Flintstones explain the causes of a dwindling energy supply and some of the problems of dwindling supply. Charlton Heston is the narrator.

Energy for the Future

Encyclopedia Britannica, 1974, 17 min., sd., color, 16mm, 10½"

Examines energy alternatives for the future, including processed coal, oil, geothermal heat, nuclear fission and fusion, wind, and solar heat.

Energy from the Day Star

Essentia Films, 1978, 22 min., sd., color, 16mm, 10½"

A rediscovery of our connection with nature in which it is argued that solar energy is more than a plaything for the wealthy; it is a necessity for the future.

Energy: Less is More

Churchill Films, 1974, 18 min., sd., color, 16mm, 10½"

An investigation of the need for slowing the growth of energy consumption and ways this can be done.

Energy: New Sources

Churchill Films, 1974, 20 min., sd., color, 16mm, 10½"

Describes the potential and limits of new technologies including solar, fusion, and geothermal, and argues for developing a variety of options.

Energy: The Dilemma

Churchill Films, 1974, 20 min., sd., color, 16mm, 10½"

Examines energy growth patterns past, present, and future. Explores problems of supply and demand, depletion of fossil fuels, our dependency, and resultant economic and social problems.

Energy: The Nuclear Alternative

Churchill Films, 1974, 20 min., sd., color, 16mm, 10½"

Explores fission power, how it works, and the controversies over safety and radioactive wastes.

Energy: The Problems and the Future

National Geographic Society, 1978, 23 min., sd., color, 16 mm, 12"

Problem: how is an energy dependent world going to function when its nonrenewable fuels are exhausted? Discusses solar, geyser, tidal, and wind power as solutions.

The Energy Game

Federal Energy Administration, 1973, 16 min., sd., color, 16mm, 9"

Promotes home insulation campaigns, and recommends the use of the Home Energy Saver's Handbook. Suitable for energy conservation workshops and civic meetings.

Energy, the Great Escape

Federal Energy Administration and the South Dakota Energy Office, 1974, 20 min., sd., color, 16mm, 10"

Explains types of fossil fuel heating systems and maintenance procedures for them. Also concerned with insulation and weatherization of residences.

Featherfoot

U.S. Post Office, 1977, 30 min., sd., color, 16mm, 12"

Explains driving techniques that save fuel. Designed for use by post office employees but suitable for many groups.

The Food Cycle and Food Chains

Coronet Films, 1963, 10½ min., sd., color, 16mm, 7"

The food cycle and food chains and the unending pattern of life, growth, and decay known as the food cycle.

Have We Stayed Too Long at the Fair

Screenscope, Inc., 1978, 25 min., sd., color, 16mm, 12"

Portrays U.S. dependence on energy by using the hard winter of 1976-1977 as an example of what can happen when gas, oil, and electricity are unable to be moved when and where needed.

Introduction to Electricity

Coronet Films, 1971, 11 min., sd., color, 16mm, 10½"

Presents fundamental concepts of electrical energy, electrical resistance, and factors affecting variations in each. Clarifies terms such as electrons, voltage, and parallel and series wiring.

Montana Coal

Tractor and Equipment Company of Billings, 15 min., sd., color, 16mm, 12"

Shows strip mining and reclamation in eastern Montana, with emphasis on jobs for Montanans because of coal mining.

More

Macmillan Films, Inc., 1973, 3 min., sd., color, 16mm, 7"

Animation is used to portray our national syndrome of conspicuous consumption. "More," demands man, until the inevitable climax.

Saving Energy at Home

Ramsgate Films, 1975, 13 min., sd., color, 16mm, 9"

Identifies major sources of home energy use, and provides tips on how the average American household can cut energy bills in half.

Solar Energy: To Capture the Power of Sun and Tide

ACI Films, 1975, 21 min., sd., color, 16mm, 10½"

Shows the use of tidal power and a sun furnace in France.

Toast

Bullfrog Films, 1974, 12 min., sd., color, 16mm, 9"

Shows the energy consumption in the preparation and marketing of food. This film illustrates that our daily toast, an end product of an intensive energy process, is hardly a bargain at present energy costs.

Treasures of the Earth

Churchill Films, 1974, 14½ min., sd., color, 16mm, 10½"

Describes, largely in animation, how minerals, oil, and coal are deposited in the earth's crust. The film also deals with the scarcity of these products, and growing difficulty in their extraction.

Up the Power Curve

Federal Energy Administration, 1976, 10 min., sd., color, 16mm, 8"

Shows the practicality of energy conservation and the important role it plays in helping solve some of America's energy problems. The film covers a wide range of energy saving ideas and their potential dollar savings.

Western Coal: An American Dilemma

Churchill Films, 1975, 24 min., sd., color, 16mm, 10½"

Deals with the implications of coal development in Montana, Wyoming, and North Dakota. Shows scenes of Colstrip and Forsyth.

SENIOR HIGH TO ADULT FILMS

Dawn of the Solar Age: Solar Energy

Time-Life Films, 1972, 29 min., sd., color, 16mm, 12″

Points out that the sun is capable of supplying 100,000 times the total global energy requirement and is free, but solar collectors and equipment are expensive. Can the sun be efficiently harnessed?

Dawn of the Solar Age: Wind and Water Energy

Time-Life Films, 1977, 25 min., sd., color, 16mm, 12″

Discusses wind and water power as products of solar energy. Experiments in both these areas are discussed in this British-made film.

Energy Crunch – Part One: The Bottom of the Oil Barrel

Time-Life Films, 1973, 34 min., sd., color, 16mm, 15″

Explores some of the reasons for shortages of oil and possibilities of finding new sources—including oil shale and coal conversion, and drilling in the North Sea and Alaska's North Slope.

Energy Crunch – Part Two: The Nuclear Dilemma

Time-Life Films, 1973, 40 min., sd., color, 16mm, 15″

Gives a brief history of nuclear power and examines the pros and cons of reactors in the U.S. and Great Britain. The breeder reactor is introduced.

Energy Crunch – Part Three: The Sunbeam Solution

Time-Life Films, 1973, 38 min., sd., color, 16mm, 15″

Focuses on solar power, but also looks at the promise of wind and underground hot water. It closes with an examination of ways to conserve energy.

Nuclear Power: Pro and Con, Parts 1 and 2

McGraw-Hill Films, 1977, 50 min., sd., color, 16mm, 12"
Investigates the benefits and disadvantages of nuclear power. The film discusses past uses and asks if future use of nuclear energy is risky.

The Other Way

Time-Life Films, 1974, 26 min., sd., color, 16mm, 12"
Economist E. F. Schumacher looks at the energy crisis—with its related problems of fuel use, land use and manpower use—and suggests solutions for these problems.

Running on Empty — The Fuel Economy Challenge

U.S. Department of Energy, 1978, 27 min., sd., color, 16mm, 12"
Presents a special 90-mile road rally, where we are introduced to a variety of methods that average drivers in average cars can use to achieve maximum savings in gasoline and money.

**Montana Department of Natural Resources
and Conservation
Energy Division
32 South Ewing
Helena, Montana 59601**

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